

## ABSTRACT OF THE DISCLOSURE

An image sensor section and a millimeter-wave sensor section separately detect objects. A sensor matching section determines whether the objects detected by the image sensor section and the millimeter-wave sensor section are one and the same object. If the objects are one and the same object, the sensor matching section estimates a position of the obstacle after a certain period. A collision prediction section determined whether there is going to be a collision between the vehicle and the object 50 from the position estimated by the sensor matching section.